

# Ecological wastewater treatment using the constructed wetland technology

<b>Title</b>	<b>Ecological wastewater treatment using the constructed wetland technology</b>
<b>Description of the technology</b>	<p>Constructed wetlands treatment systems are engineering structures designed to improve water quality, that use natural processes involving wetland vegetation, soils, and their associated microbial assemblages.</p> <p>The complete service related to constructed wetland is offered – design, consultation, operation and service.</p> <p>The offered technology is more economically and more environmentally friendly than most other wastewater treatment technologies. Innovative are especially new technological solutions, new materials and the use of new procedures.</p>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• improvement of water quality due to quality treatment technology             <ul style="list-style-type: none"> <li>• use of nature-friendly materials and processes                 <ul style="list-style-type: none"> <li>• no need for a source of electricity</li> </ul> </li> <li>• economical solution – low operation costs</li> </ul> </li> <li>• smaller carbon footprint during construction and operation             <ul style="list-style-type: none"> <li>• improvement of the water cycle and microclimatic conditions                 <ul style="list-style-type: none"> <li>• landscape-forming element</li> </ul> </li> </ul> </li> </ul>
<b>Keywords</b>	Wastewater, Constructed treatment wetland, Wastewater treatment
<b>Current status of the technology</b>	Already on the market and available for demonstration Secret Know-how

<b>Possible client</b>	Households (5-10 PE) and municipalities (up to 1500 PE)
<b>Preferent country</b>	Czech Republic, Slovak Republic
<b>Language of communication</b>	Czech, Slovak, English
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